CIVIL TECH LABS

Accredited by NABL as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027

Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer
Vidyaranyapura Sub Division,
BBMP, Bangalore.

15th May 2014

Dear Sir,

Sub: Providing covering slab to existing drains at Bloom field Garden in ward no. 10 (Doddabommasandra) Vidyaranyapura sub division.
Testing of cubes – Reg.

As requested the 28th day Compressive Strength Test of Cubes was carried out for the above work for the samples supplied by you.

Please find the enclosed Test Report of the above.

Thanking you,

For Civil Tech Labs,

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Deputy Quality Manager

AE

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T-2654

To,

Assistant Executive Engineer
Vidyaranyapura Sub Division,
BBMP, Bangalore.

03rd April 2014

Dear Sir,

Sub: Testing of Materials.

As requested, tests on physical properties were carried out for the materials supplied by you, for the work of **'Providing covering slab to existing drains at Bloom field Garden in ward no. 10 (Doddabommasandra) Vidyaranyapura sub division'.**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Deputy Quality Manager

Sudha
AE

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TEST REPORT ON FINE AGGREGATES Ref:IS:383/2386

Name of the Client	AEE, Vidyaranyapura Sub Division, BBMP
Name of Work	Providing covering slab to existing drains at Bloom field Garden in ward no. 10 (Doddabommasandra) Vidyaranyapura sub division.
Agency Name	M/s. K. R. I. D. L.

Sample	Date of Testing	Specific Gravity	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement As Per IS 383-1970				Grading Zone
					ZONE-I	ZONE-II	ZONE-III	ZONE-IV	
Fine Aggregates	03/04/2014	2.55	10	100	100	100	100	100	II
			4.75	98	90-100	90-100	90-100	95-100	
			2.36	86	60-95	75-100	85-100	95-100	
			1.18	65	30-70	55-90	75-100	90-100	
			0.6	43	15-34	35-59	60-79	80-100	
			0.3	24	5-20	8-30	12-40	15-50	
			0.15	8	0-10	0-10	0-10	0-15	

Note:

1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the client.

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Lab Incharge
Civil Tech Labs

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TEST REPORT ON CONCRETE CUBES

Name of the Client	AEE, Vidyaranyapura Sub Division, BBMP
Project	Providing covering slab to existing drains at Bloom field Garden in ward no. 10 (Doddabommasandra) Vidyaranyapura sub division.
Agency	M/s. K. R. I. D. L.
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 Sq.mm
Technical Reference	IS: 516-1959(Reaffirmed 2004)

Sl.No	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/Sq.mm)	Avg Compressive Strength (N/Sq.mm)
1	CC-Work (Pavement)	17/04/2014	15/05/2014	28	8.18	470	20.89	21.19
2					8.19	485	21.56	
3					8.17	475	21.11	

Note:

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Lab Incharge
Civil Tech Labs

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TEST REPORT ON CEMENT

Name of the Client	AEE, Vidyaranyapura Sub Division, BBMP
Name of Work	Providing covering slab to existing drains at Bloom field Garden in ward no. 10 (Doddabommasandra) Vidyaranyapura sub division.
Agency Name	M/s. K. R. I. D. L.

Tests on Cement	Test Date	Tests	Test Method As Per IS & Apparatus		Results		Requirements As Per IS 8112 1989	Remarks
			IS Code	Method	Value	Unit		
	03/04/2014	Initial Setting Time	IS-4031 (Part-5) 1988	VICAT	52	min	Not Less Than 30 Minutes	Satisfies Requirement
		Final Setting Time	IS-4031 (Part-5) 1988	VICAT	482	min	Not More Than 600 Minutes	Satisfies Requirement
		Soundness	IS-4031 (Part-3) 1988	LE-CHATELIER	4	mm	Not More Than 10 mm	Satisfies Requirement

Note:

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Lab Incharge
Civil Tech Labs

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TEST REPORT ON COARSE AGGREGATES 20mm ↓ Graded Ref:IS:383/2386

Name of the Client	AEE, Vidyaranyapura Sub Division, BBMP
Name of Work	Providing covering slab to existing drains at Bloom field Garden in ward no. 10 (Doddabommasandra) Vidyaranyapura sub division.
Agency Name	M/s. K. R. I. D. L.

Sample	Date of Testing	Specific Gravity	Absorption in %	IS Sieve Designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement As Per IS 383-1970	Remarks
20mm Down Graded	03/04/2014	2.63	0.33	**40**	100	**100**	Satisfies The Requirement
				20	99	**95-100**	
				10	42	**25-55**	
				4.75	7	**0-10**	

Note:

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